

Aquatic Toxicology 55 (2001) 251-252



Contents of Aquatic Toxicology, Volume 55

VOL. 55 NOS. 1-2 1 NOVEMBER 2001 Research articles J.M. Rotchell, J.-S. Lee, J.K. Chipman and G.K. Ostrander (UK, Japan, USA) Structure, expression and activation of fish ras genes 1 P.N. Fitzsimmons, J.D. Fernandez, A.D. Hoffman, B.C. Butterworth and J.W. Nichols (USA) Branchial elimination of superhydrophobic organic compounds by rainbow trout (Oncorhynchus mykiss) 23 A. Tanguy, C. Mura and D. Moraga (France) Cloning of a metallothionein gene and characterization of two other cDNA sequences in the Pacific oyster Crassostrea gigas (CgMT1) 35 L.K. Irwin, S. Gray and E. Oberdörster (USA) Vitellogenin induction in painted turtle, Chrysemys picta, as a biomarker of exposure to environmental levels of estradiol 49 M. Mičić, N. Bihari, Ž. Labura, W.E.G. Müller and R. Batel (Croatia, Germany) Induction of apoptosis in the blue mussel Mytilus galloprovincialis by tri-n-butyltin chloride 61 C. Lindholst, S.N. Pedersen and P. Bjerregaard (Denmark) Uptake, metabolism and excretion of bisphenol A in the rainbow trout (Oncorhynchus mykiss) 75 C. Vismara, R. Bacchetta, B. Cacciatore, G. Vailati and U. Fascio (Italy) Paraquat embryotoxicity in the Xenopus laevis cleavage phase 85 F. Galvez, C. Hogstrand, J.C. McGeer and C.M. Wood (Canada, USA) The physiological effects of a biologically incorporated silver diet on rainbow trout (Oncorhynchus 95 mykiss) M.M. Watts, D. Pascoe and K. Carroll (UK) Chronic exposure to 17α-ethinylestradiol and bisphenol A-effects on development and reproduction in the freshwater invertebrate Chironomus riparius (Diptera: Chironomidae) 113 VOL. 55 NOS. 3-4 **12 NOVEMBER 2001**

Research articles M.G.J. Hartl, S. Hutchinson and L.E. Hawkins (UK) Sediment-associated tri-n-butyltin chloride and its effects on osmoregulation of freshwateradapted 0-group European flounder, Platichthys flesus (L.) 125 E. Kádár, J. Salánki, R. Jugdaohsingh, J.J. Powell, C.R. McCrohan and K.N. White (UK, Hungary) Avoidance responses to aluminium in the freshwater bivalve Anodonta cygnea 137

M.G.J. Hartl, S. Hutchinson and L.E. Hawkins (UK) Sediment-associated tri-n-butyltin chloride and its effects on osmoregulation of freshwater-adapted 0-group European flounder, Platichthys flesus (L.)	125
E. Kádár, J. Salánki, R. Jugdaohsingh, J.J. Powell, C.R. McCrohan and K.N. White (UK, Hungary) Avoidance responses to aluminium in the freshwater bivalve Anodonta cygnea	137
H. Dizer, B. Fischer, A.S.A. Harabawy, MC. Hennion and PD. Hansen (Germany, Egypt, France) Toxicity of domoic acid in the marine mussel Mytilus edulis	149
A.M. Doi, E. Holmes and K.M. Kleinow (USA) P-glycoprotein in the catfish intestine: inducibility by xenobiotics and functional properties	157
HL. Chu, TY. Liu and SY. Lin (Taiwan) Effect of cyanide concentrations on the secondary structures of protein in the crude homogenates of the fish gill tissue	171
M.J. Snyder and E.P. Mulder (USA) Environmental endocrine disruption in decapod crustacean larvae: hormone titers, cytochrome P450, and stress protein responses to heptachlor exposure	177
N. Tujula, J. Radford, S.V. Nair and D.A. Raftos (Australia) Effects of tributyltin and other metals on the phenoloxidase activating system of the tunicate, Styela plicata	191
L.M. Oliver, W.S. Fisher, J.T. Winstead, B.L. Hemmer and E.R. Long (USA) Relationships between tissue contaminants and defense-related characteristics of oysters (Crassostrea virginica) from five Florida bays	203
E.P. Gallagher, T.S. Gross and K.M. Sheehy (USA) Decreased glutathione S-transferase expression and activity and altered sex steroids in Lake Apopka brown bullheads (Ameriurus nebulosus)	223
I. Muñoz, M. Real, H. Guasch, E. Navarro and S. Sabater (Spain) Effects of atrazine on periphyton under grazing pressure	239
Contents of Volume 55	251